

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 54382 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Aug 25 2012

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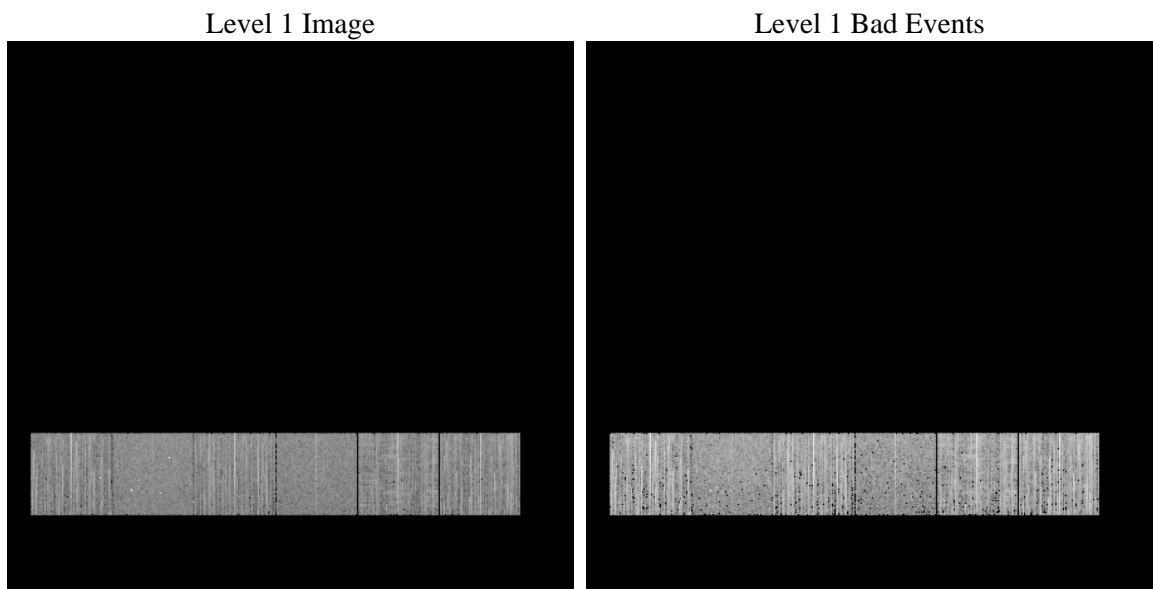
1 Front

seq_num	 	Sequence number
obs_id	54382	Observation id
title	ACIS-456789 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	0.0	Observer's specified target RA [deg]
dec_targ	0.0	Observer's specified target Dec [deg]
ra_nom	328.97886871139	Nominal RA [deg]
dec_nom	13.079720545942	Nominal Dec [deg]
roll_nom	191.71990582744	Nominal Roll [deg]
revision	1	Processing version of data
ontime	3285.8957843184	Sum of GTIs [s]
livetime	3244.2877933685	Livetime [s]
ontime4	3285.7726643085	Sum of GTIs [s]
ontime5	3285.8547443151	Sum of GTIs [s]
ontime6	3285.8137043118	Sum of GTIs [s]
ontime7	3285.8957843184	Sum of GTIs [s]
ontime8	3285.7316243052	Sum of GTIs [s]
ontime9	3285.9368243217	Sum of GTIs [s]
l2events	107482	Number of level 2 events

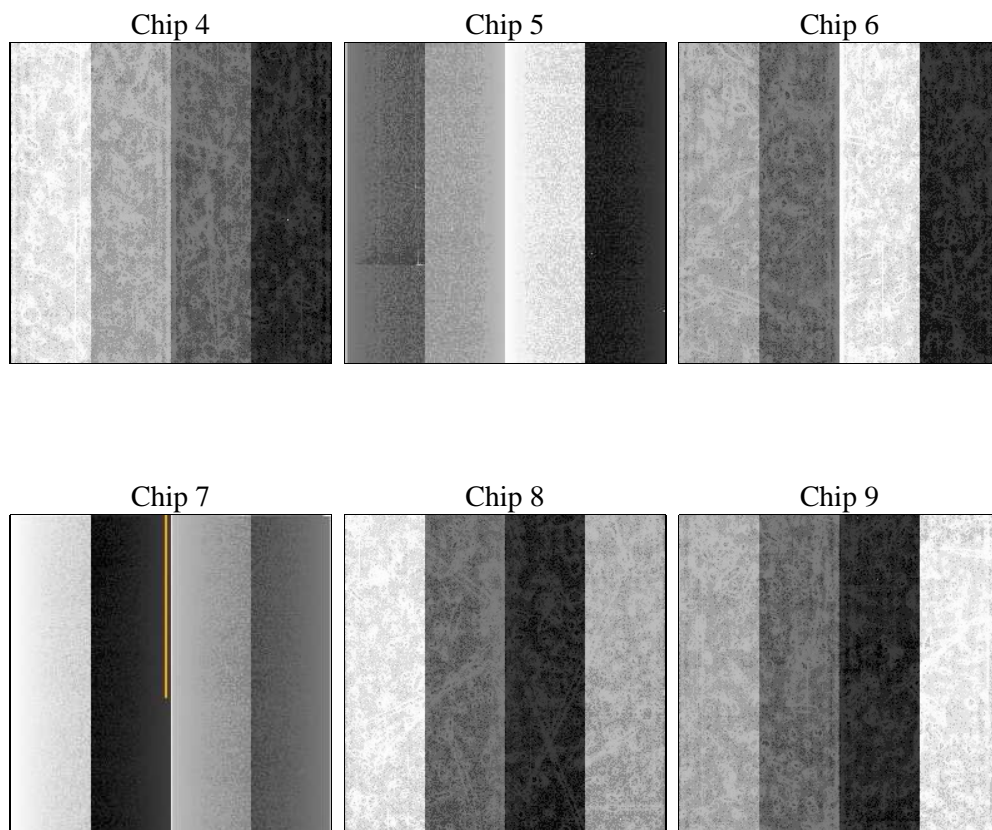
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	3285.8957843184	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime4	3285.7726643085	Sum of GTIs [s]
date	2012-08-25T04:17:21	Date and time of file creation	ontime5	3285.8547443151	Sum of GTIs [s]
revision	1	Processing version of data	ontime6	3285.8137043118	Sum of GTIs [s]
			ontime7	3285.8957843184	Sum of GTIs [s]
			ontime8	3285.7316243052	Sum of GTIs [s]
			ontime9	3285.9368243217	Sum of GTIs [s]
			l1events	382055	Number of level 1 events

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9		ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	66871	59207	66392	53188	65845	70552	grade 0 events	8868	4470	7901	4082	8605	7755
rejected events	51233	30764	50647	27329	46806	55235		13%	7%	11%	7%	13%	10%
rejected %	76%	51%	76%	51%	71%	78%	grade 1 events	57	57	37	29	48	49
								0%	0%	0%	0%	0%	0%
							grade 2 events	2714	10075	3085	6283	3990	3062
								4%	17%	4%	11%	6%	4%
							grade 3 events	1057	1102	1042	2212	1407	1016
								1%	1%	1%	4%	2%	1%
							grade 4 events	1042	992	1008	2212	1341	1050
								1%	1%	1%	4%	2%	1%
							grade 5 events	1306	2672	1363	3129	1645	1479
								1%	4%	2%	5%	2%	2%
							grade 6 events	1957	11804	2709	11070	3696	2434
								2%	19%	4%	20%	5%	3%
							grade 7 events	49870	28035	49247	24171	45113	53707
								74%	47%	74%	45%	68%	76%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-456789	ACIS-456789	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	SECONDARY	SECONDARY	On-chip summing requested	N	N
[deg] Pointing RA	0	328.9788687113935	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	13.07972054594221	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	191.7199058274428	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-1.428180813131781			
[mm] SIM defocus	0.1037507710433287	0.1051558262725154			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	462224157.079257	462224156.05426			
Observation start date	2012-08-24T19:35:57	2012-08-24T19:35:56			
[s] Observation end time (MET)	462229845.829561	462229844.80456			
Observation end date	2012-08-24T21:10:46	2012-08-24T21:10:44			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.08.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.2858957843184

A.2 Comments